Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Disorders Caused by Single Gene Mutations**

1. Go to Utah Genetics Single Gene Disorders page at <http://learn.genetics.utah.edu/content/disorders/singlegene/>
2. Pick one of the disorders (other than SCA).
3. Complete the chart below.
4. Find another valid source (ex. NIH, CDC, Mayo Clinic) on the disorder and write down a fact(s) that you find was/were not on the Utah Genetics website.

Name of disorder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Causes (What chromosome affected? What gene? etc.) | What protein(s) affected? | Symptoms? | How inherited? | Treatments? | Other facts |
|  |  |  |  |  |  |

Other source(s) and fact(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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